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GOVERNMENT
PUBLICATIONS



EMPLOYMENT AND UNEMPLOYMENT

DECEMBER 1976

AUSTRALIAN
BUREAU OF
STATISTICS
CANBERRA

Reference No. 6.4

INQUIRIES

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AUSTRALIAN BUREAU OF STATISTICS CANBERRA, AUSTRALIA

Reference No. 6.4

NOON 10 MARCH 1977

EMPLOYMENT AND UNEMPLOYMENT, DECEMBER 1976

This bulletin contains particulars of the numbers of employed wage and salary earners (referred to in the tables as "employees"), job vacancies registered and unemployed persons.

Seasonally adjusted statistics appear in Tables 1, 3, 9 and 12. The methods used in seasonally adjusting these statistics are explained in *Seasonally Adjusted Indicators*, 1976 (Reference No. 1.10).

Preliminary estimates of employees are published each month in *Employed Wage and Salary Earners : Preliminary* (Reference No. 6.12).

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1. EMPLOYED WAGE AND SALARY EARNERS

The figures in this section generally relate only to civilian wage and salary earners, not the total labour force: they therefore exclude employers, self-employed persons, unpaid helpers and the unemployed. Also excluded, because of the inadequacy of current data, are wage and salary earners in agriculture and private households employing staff. For the sake of brevity, wage and salary earners are referred to in the tables as "employees". Defence forces are included in Table 1.

2. The estimates in Tables 1 to 7, except those relating to government employees and defence forces, are based on comprehensive data (referred to herein as "benchmarks") derived for the purpose from the population census of June 1971 and other sources, (see paragraph 6). Month-to-month changes shown by current data (see paragraphs 7 to 9) are linked to the benchmark data to derive the monthly estimates.

3. Although the series measure reasonably well the short-term trends in employment in the defined field, they may be less reliable for longer-term measurement. There are conceptual differences between benchmark and current data, and changes in such factors as labour turnover, multiple jobholding and part-time working all affect the trend over longer periods.

Concepts and definitions

4. The concepts and definitions applicable to these estimates are those adopted at the 1971 population census, which conformed closely to the recommendations of the Eighth International Conference of Labour Statisticians, Geneva, 1954. At the census the following questions were asked in respect of all persons fifteen years of age and over:

"Did this person have a full or part-time job, or business or farm of any kind last week (even if this person was temporarily absent from a job because of sickness, holidays, industrial dispute, etc.)?"

"Did this person do any work at all last week for payment or profit (even if this person was working only part-time or helping without pay in a family business)?"

Provided they had not been temporarily laid off by their employer without pay for the whole of the week, persons who answered "yes" to either of these questions were classified as employed. Persons in this category were classified as wage or salary earners if on their census schedule they were stated to be "a wage or salary earner" in the job they held in the previous week.

5. Government employees comprise not only administrative employees, but also all other employees

of government bodies (Australian, State, local and semi-government) on services such as railways, road transport, banks, postal and telecommunications, air transport, education (including universities), radio and television, police, public works, factories, departmental hospitals and institutions, etc.

Adoption of new benchmarks

6. As results from each successive population census become available it is customary to derive from them new benchmarks for the monthly employment series, and to revise the published estimates for all periods subsequent to the date of the previous census. Benchmarks for June 1971 were established by analysing data from the 1971 population census and other relevant sources such as special returns from government bodies and the Bureau's economic censuses and surveys. It should be noted that figures in this bulletin are subject to further revision as the results of later censuses and surveys become available.

7. The data needed to derive the estimates for periods subsequent to the benchmark date (June 1971) are obtained from three main sources, namely, (a) current payroll tax returns; (b) current returns from government bodies; and (c) some other current returns of employment (e.g. for hospitals); the balance, i.e. unrecorded private employment, is estimated. At June 1971 recorded employment obtained from the foregoing sources accounted for about 90 per cent of the employees in the industries covered, as determined by the benchmarks.

8. Current data supplied by reporting enterprises or establishments generally refer to persons on the payroll for the last pay-period in each month. Persons who are on paid leave or who work during part of the pay-period and are unemployed or on strike during the rest of the period are generally counted as employed. Those not shown on employers' payrolls because they are on leave without pay, on strike or stood down for the entire period are excluded.

9. In all States and Territories except Queensland, payroll tax returns are currently lodged by all employers paying more than \$923 a week in wages. For Queensland the figure is \$1,200. Certain Australian Government bodies, religious and benevolent institutions, public hospitals and other similar organisations are specifically exempted under the Australian and State Payroll Tax Acts. The exemption level in the States was revised from \$400 to \$800 a week from January 1976, while the level in the Territories remained at \$400 a week until January 1977, when the current levels were adopted.

Industry

10. The industry classification used in this bulletin is the *Australian Standard Industrial Classification (ASIC)*, described in the Bureau publication *Australian Standard Industrial Classification* (Preliminary Edition), 1969, Volume 1. This industry classification is not directly comparable with those adopted for population censuses before 1971 and used in the estimates for earlier periods.

Estimates for earlier periods

11. For the period June 1971 to June 1975 detailed industry figures for each State and Australia and the government employment series were published in a special bulletin *Employed Wage and Salary Earners, June 1971 to June 1975* (Reference No. 6.23).

12. It is expected that in due course a revised series will be published for the period June 1966 to May 1971, classified according to ASIC. However, it may not be possible to provide as much industry detail as for June 1971 and subsequent periods. ASIC estimates cannot be derived for periods prior to June 1966.

Related publications

13. Users may wish to refer to the following employment publications which are available on request:

Employed Wage and Salary Earners : Preliminary
(Reference No. 6.12)

Employed Wage and Salary Earners, June 1971 to June 1975 (Reference No. 6.23)

Other ABS publications which may be of interest include :

The Labour Force (Reference No. 6.20)

Job Vacancies, March 1976 (Reference No. 6.49)

Publications of the Australian Bureau of Statistics
(Reference No. 1.8)

Symbols and other usages

- .. Nil or less than 50 persons
- r Figure or series revised since previous issue
- Break in continuity of series (where drawn across a column between two consecutive figures)
- † Affected by industrial disputes
- n.a. not available.

Any discrepancies between totals and sums of components in tables are due to rounding.

CIVILIAN EMPLOYEES : AUSTRALIA (Excluding agriculture and private domestic service)

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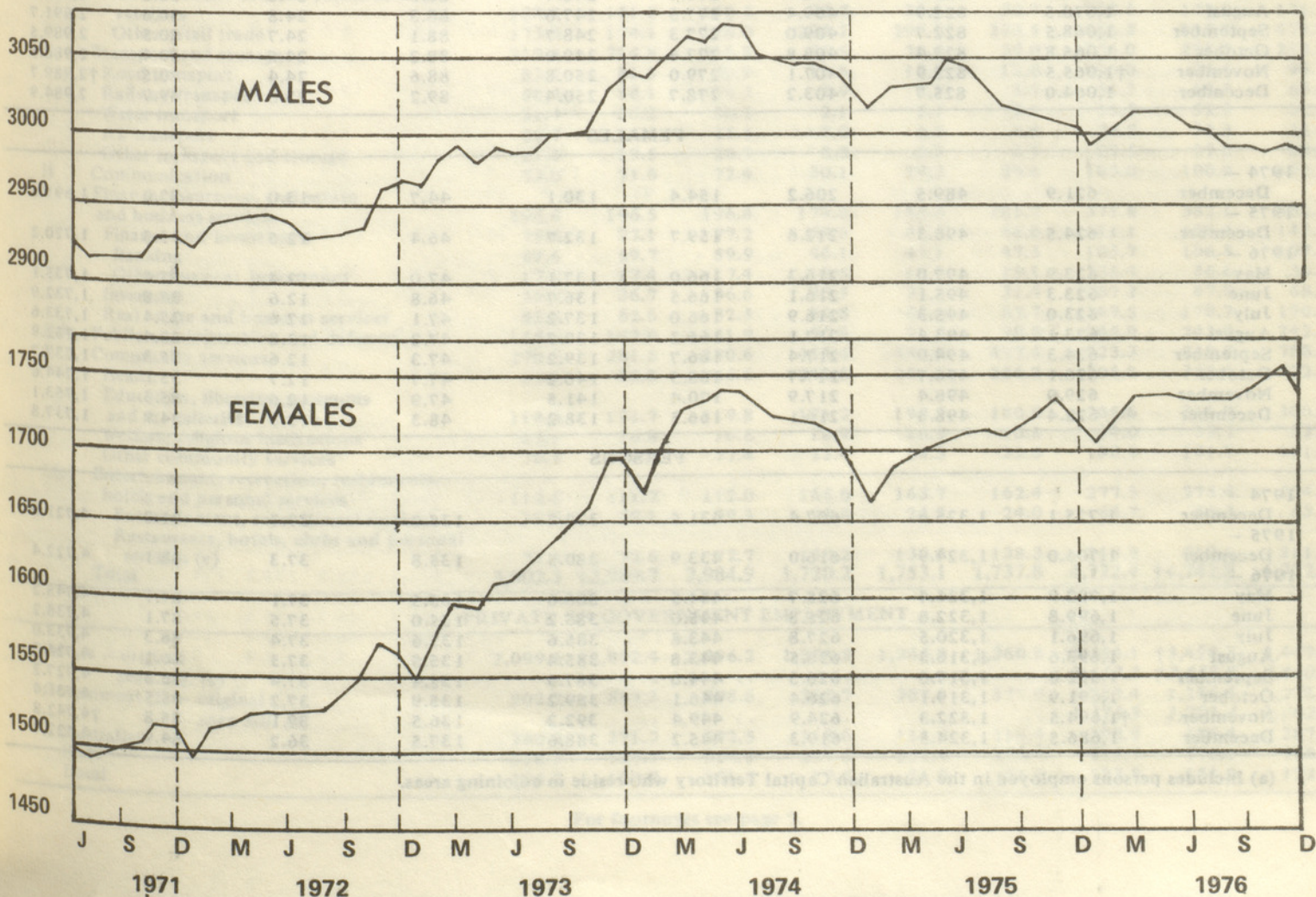


TABLE 1. CIVILIAN EMPLOYEES AND DEFENCE FORCES : AUSTRALIA
(Excluding agriculture and private domestic service)
(^{'000})

Month	Civilian employees						Defence forces (a)			Total		
	Males		Females		Persons		Males	Females	Persons	Males	Females	Persons
	Orig.	Seas. adj. (b)	Orig.	Seas. adj. (b)	Orig.	Seas. adj. (b)						
1973 –												
December	3,042.7	3,036.8	1,692.4	1,690.8	4,735.1	4,726.1	67.2	2.9	70.1	3,109.9	1,695.3	4,805.2
1974 –												
December	3,029.4	3,024.2	1,691.6	1,691.1	4,721.0	4,713.8	64.1	3.1	67.2	3,093.5	1,694.7	4,788.2
1975 –												
December	3,002.3	2,997.3	1,720.2	1,720.3	4,722.4	4,715.8	64.8	3.5	68.3	3,067.1	1,723.7	4,790.7
1976 –												
January	2,995.1	3,002.8	1,703.9	1,729.1	4,699.0	4,733.8	65.7	3.5	69.2	3,060.8	1,707.4	4,768.2
February	3,004.2	3,001.7	1,725.4	1,730.5	4,729.6	4,732.1	65.7	3.5	69.2	3,069.9	1,728.9	4,798.8
March	3,011.2	3,002.3	1,737.0	1,730.5	4,748.2	4,734.1	65.4	3.5	68.9	3,076.6	1,740.5	4,817.1
April	3,010.3	3,007.2	1,735.8	1,729.7	4,746.0	4,736.7	65.5	3.6	69.1	3,075.8	1,739.4	4,815.1
May	3,010.1	2,998.1	1,735.1	1,728.1	4,745.2	4,726.3	65.2	3.6	68.8	3,075.3	1,738.7	4,814.0
June	3,005.2	2,995.4	1,732.9	1,726.6	4,738.2	4,722.4	65.3	3.6	68.9	3,070.5	1,736.5	4,807.1
July	2,999.5	3,004.1	1,733.6	1,734.8	4,733.0	4,740.4	65.3	3.5	68.8	3,064.8	1,737.1	4,801.8
August	2,991.7	3,000.3	1,732.9	1,735.2	4,724.7	4,733.6	65.2	3.6	68.8	3,056.9	1,736.5	4,793.5
September	2,989.5	2,999.4	1,737.7	1,738.3	4,727.2	4,737.6	65.1	3.6	68.7	3,054.6	1,741.3	4,795.9
October	2,986.8	2,997.8	1,744.6	1,741.4	4,731.4	4,740.5	65.1	3.6	68.7	3,051.9	1,748.2	4,800.1
November	†2,989.7	†2,987.5	1,753.1	1,744.5	†4,742.8	†4,729.0	65.0	3.7	68.7	†3,054.7	1,756.8	†4,811.5
December	2,984.9	2,980.0	1,737.8	1,738.1	4,722.7	4,716.5	64.9	3.6	68.5	3,049.8	1,741.4	4,791.2

(a) Permanent defence forces in Australia and overseas. (b) The methods used in seasonally adjusting these statistics are explained in *Seasonally Adjusted Indicators*, 1976 (Reference No. 1.10).

TABLE 2. CIVILIAN EMPLOYEES : STATES AND TERRITORIES
(Excluding agriculture and private domestic service)
(^{'000})

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T. (a)	Australia
MALES									
1974 –									
December	1,103.3	836.1	401.2	277.1	244.7	90.5	26.7	49.8	3,029.4
1975 –									
December	1,081.6	828.6	403.4	274.2	247.9	89.4	24.8	52.5	3,002.3
1976 –									
May	1,079.0	829.4	409.4	278.4	249.0	88.5	24.7	51.7	3,010.1
June	1,076.5	827.7	409.7	278.5	248.4	88.2	24.9	51.4	3,005.2
July	1,073.1	825.2	410.9	277.7	248.4	88.5	24.8	50.8	2,999.5
August	1,070.5	822.9	409.4	277.5	247.6	88.3	24.8	50.6	2,991.7
September	1,068.5	822.7	409.0	277.3	248.7	88.1	24.7	50.5	2,989.5
October	1,065.8	822.4	408.8	277.6	249.0	88.2	24.6	50.4	2,986.8
November	†1,065.5	823.9	407.1	279.0	250.8	88.6	24.4	50.5	†2,989.7
December	1,064.0	825.7	403.2	278.7	250.4	89.2	23.8	49.9	2,984.9
FEMALES									
1974 –									
December	621.9	489.5	206.2	154.4	130.1	44.7	13.0	32.0	1,691.6
1975 –									
December	624.5	496.3	212.6	159.7	132.7	46.4	12.5	35.5	1,720.2
1976 –									
May	623.9	497.0	216.3	166.0	137.1	47.0	12.4	35.4	1,735.1
June	623.3	495.1	216.1	166.5	136.7	46.8	12.6	35.8	1,732.9
July	623.0	495.3	216.9	166.0	137.2	47.1	12.6	35.4	1,733.6
August	623.1	493.4	217.1	166.2	137.7	47.2	12.8	35.4	1,732.9
September	624.3	494.9	217.4	166.7	139.2	47.3	12.6	35.3	1,737.7
October	626.1	496.7	217.7	168.5	140.2	47.7	12.7	35.1	1,744.6
November	629.0	498.4	217.9	170.4	141.5	47.9	12.6	35.3	1,753.1
December	622.4	498.8	216.1	166.5	138.2	48.3	12.5	34.9	1,737.8
PERSONS									
1974 –									
December	1,725.1	1,325.6	607.4	431.5	374.7	135.2	39.7	81.8	4,721.0
1975 –									
December	1,706.0	1,324.9	616.0	433.9	380.5	135.8	37.3	88.1	4,722.4
1976 –									
May	1,702.9	1,326.4	625.7	444.5	386.0	135.5	37.1	87.1	4,745.2
June	1,699.8	1,322.8	625.8	445.0	385.2	135.0	37.5	87.1	4,738.2
July	1,696.1	1,320.5	627.8	443.8	385.6	135.6	37.4	86.3	4,733.0
August	1,693.6	1,316.3	626.5	443.8	385.4	135.5	37.5	86.1	4,724.7
September	1,692.8	1,317.6	626.3	444.0	387.9	135.4	37.4	85.8	4,727.2
October	1,691.9	1,319.1	626.4	446.1	389.2	135.9	37.2	85.5	4,731.4
November	†1,694.5	1,322.3	624.9	449.4	392.2	136.5	37.1	85.8	†4,742.8
December	1,686.5	1,324.5	619.3	445.2	388.6	137.5	36.2	84.9	4,722.7

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas.

TABLE 3. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT, AUSTRALIA
(Excluding agriculture and private domestic service)
(000)

ASIC divis- ion (a)	ASIC industry (a)	Males			Females			Persons		
		1975 Dec.	1976 Nov.	1976 Dec.	1975 Dec.	1976 Nov.	1976 Dec.	1975 Dec.	1976 Nov.	1976 Dec.
A(b)	Forestry, fishing and hunting	13.7	13.1	13.4	1.0	1.1	1.1	14.7	14.1	14.5
B	Mining	73.5	72.9	72.6	5.9	5.7	5.8	79.4	78.6	78.3
	Coal	23.0	23.9	24.0	0.6	0.5	0.5	23.5	24.5	24.5
	Other	50.5	49.0	48.6	5.3	5.2	5.2	55.8	54.2	53.8
C	Manufacturing — original	888.0	†879.9	876.2	313.9	304.5	300.4	1,201.9	†1,184.4	1,176.7
	seas. adj. (c)	..	..	..	..	..	..	1,206.3	†1,179.5	1,180.8
	Food, beverages and tobacco	141.8	141.4	139.0	49.5	49.4	48.1	191.3	190.8	187.0
	Textiles	25.6	23.4	23.3	19.6	17.0	16.8	45.1	40.4	40.1
	Clothing and footwear	20.3	19.2	19.3	71.2	66.2	65.6	91.5	85.4	84.9
	Knitting mills; clothing	14.9	14.3	14.4	62.4	58.7	58.0	77.3	73.0	72.4
	Footwear	5.4	4.9	4.9	8.8	7.6	7.6	14.3	12.4	12.5
	Wood, wood products and furniture	66.9	66.6	66.2	10.4	10.5	10.5	77.2	77.2	76.7
	Wood and wood products	45.5	45.3	45.1	5.1	5.3	5.2	50.6	50.6	50.3
	Furniture and mattresses	21.4	21.3	21.1	5.3	5.3	5.3	26.6	26.6	26.4
	Paper and paper products, printing	72.1	†70.1	71.3	25.4	25.4	25.2	97.5	†95.5	96.5
	Chemical, petroleum and coal products	45.7	45.7	45.7	16.9	16.7	16.6	62.6	62.3	62.3
	Basic chemicals; other chemical and related products	40.4	40.3	40.3	16.6	16.4	16.3	57.0	56.7	56.6
	Petroleum refining; petroleum and coal products n.e.c.	5.3	5.4	5.4	0.3	0.3	0.3	5.6	5.6	5.7
	Non-metallic mineral products	43.2	43.3	43.0	5.4	5.3	5.3	48.6	48.6	48.3
	Basic metal products	82.6	83.0	83.2	7.0	6.8	6.8	89.6	89.8	90.0
	Basic iron and steel	60.7	60.8	60.8	4.8	4.7	4.7	65.5	65.6	65.6
	Non-ferrous metal basic products	21.9	22.1	22.4	2.2	2.1	2.1	24.1	24.2	24.4
	Fabricated metal products	86.3	85.4	85.1	21.8	22.0	21.7	108.1	107.4	106.8
	Transport equipment	131.5	134.3	133.4	16.6	17.3	16.9	148.1	151.7	150.2
	Motor vehicles and parts	69.3	74.3	73.5	13.9	14.6	14.3	83.2	88.9	87.8
	Other transport equipment	62.2	60.1	59.9	2.7	2.7	2.6	64.9	62.8	62.5
	Other machinery and equipment	128.3	124.4	123.8	46.1	43.9	43.3	174.4	168.3	167.1
	Appliances and electrical equipment	58.8	55.4	55.1	33.1	30.9	30.3	91.9	86.3	85.4
	Industrial machinery and scientific equipment	69.6	69.0	68.7	13.0	13.0	13.0	82.6	82.0	81.7
	Miscellaneous manufacturing	43.7	43.1	42.9	24.1	23.8	23.7	67.8	66.9	66.6
D	Electricity, gas and water	90.9	91.4	91.3	9.1	9.1	9.1	100.0	100.5	100.4
	Electricity and gas	65.3	65.8	65.6	6.8	6.7	6.7	72.0	72.4	72.3
	Water, sewerage and drainage	25.6	25.7	25.7	2.4	2.4	2.4	28.0	28.1	28.2
E	Construction	357.2	344.7	342.0	18.1	18.4	18.3	375.4	363.0	360.2
F	Wholesale and retail trade — original	553.0	559.4	560.3	416.5	419.2	420.1	969.5	978.6	980.4
	seas. adj. (c)	..	..	..	..	..	..	951.6	966.2	960.5
	Wholesale trade	240.9	244.1	243.7	93.6	94.6	93.9	334.5	338.6	337.6
	Retail trade	312.1	315.3	316.5	322.9	324.7	326.2	635.0	640.0	642.7
	Motor vehicle dealers, petrol and tyre retailers	138.8	141.2	140.5	29.7	30.8	30.7	168.5	172.0	171.3
	Other retail trade	173.3	174.1	176.0	293.2	293.8	295.5	466.5	467.9	471.5
G	Transport and storage	219.4	214.8	215.8	36.5	36.8	37.0	256.0	251.5	252.8
	Road transport	82.4	81.5	80.9	13.6	13.9	13.8	96.0	95.4	94.7
	Railway transport	58.4	58.1	58.3	5.9	5.7	5.7	64.3	63.8	64.0
	Water transport	31.4	30.2	30.2	2.1	2.1	2.1	33.5	32.3	32.3
	Air transport	25.7	25.5	25.5	7.0	6.8	6.8	32.7	32.3	32.4
	Other transport and storage	21.5	19.5	20.9	8.0	8.3	8.5	29.5	27.8	29.4
H	Communication	73.0	71.6	72.4	30.1	29.2	29.6	103.0	100.9	102.1
I	Finance, insurance, real estate and business services	196.0	196.5	196.4	179.8	185.6	185.7	375.8	382.1	382.1
	Finance and investment	76.6	77.1	77.2	64.6	66.3	66.6	141.1	143.4	143.9
	Banking	59.6	59.7	59.9	46.1	47.1	47.5	105.7	106.8	107.4
	Other finance; investment	17.0	17.4	17.4	18.5	19.2	19.1	35.4	36.6	36.5
	Insurance	36.7	36.7	36.6	30.5	31.2	31.4	67.2	67.9	68.0
	Real estate and business services	82.8	82.6	82.5	84.8	88.1	87.7	167.5	170.7	170.2
J(d)	Public administration and defence	155.2	152.0	151.9	90.8	91.9	90.8	245.9	243.9	242.7
K	Community services	270.0	281.8	280.6	453.4	488.0	477.5	723.3	769.8	758.1
	Health	62.1	65.8	66.6	242.8	256.6	256.2	304.8	322.4	322.8
	Education, libraries, museums and art galleries	114.3	121.7	119.8	171.2	190.2	180.9	285.6	311.9	300.7
	Welfare, religious institutions	17.1	16.8	16.8	16.9	16.9	16.8	34.0	33.7	33.7
	Other community services	76.5	77.4	77.4	22.4	24.3	23.6	98.9	101.7	101.0
L(e)	Entertainment, recreation, restaurants, hotels and personal services	112.5	111.7	112.0	165.0	163.7	162.4	277.5	275.4	274.4
	Entertainment, recreational services	39.0	39.1	39.3	24.8	24.3	24.0	63.7	63.3	63.4
	Restaurants, hotels, clubs and personal services (e)	73.6	72.6	72.7	140.2	139.4	138.3	213.8	212.1	211.0
	Total	3,002.3	†2,989.7	2,984.9	1,720.2	1,753.1	1,737.8	4,722.4	†4,742.8	4,722.7
PRIVATE OR GOVERNMENT EMPLOYMENT										
	Private — original	2,099.6	†2,092.4	2,086.2	1,354.5	1,365.9	1,360.8	3,454.1	†3,458.3	3,447.1
	seas. adj. (c)	..	..	..	..	..	..	3,447.3	†3,438.8	3,440.6
	Government (f) — original	902.7	897.3	898.6	365.7	387.1	377.0	1,268.4	1,284.4	1,275.7
	seas. adj. (c)	..	..	..	..	..	..	1,275.3	1,291.4	1,282.8
	Australian	280.3	271.7	272.5	118.6	114.7	114.4	398.9	386.4	387.0
	State	518.1	524.7	524.3	227.6	251.4	241.6	745.7	776.1	765.9
	Local	104.2	100.9	101.8	19.5	21.0	21.0	123.7	121.9	122.8

For footnotes see page 7.

TABLE 4. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT, STATES
 MALES, NOVEMBER AND DECEMBER 1976
 (Excluding agriculture and private domestic service)
 ('000)

ASIC division (a)	ASIC industry (a)	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.	
		Nov.	Dec.	Nov.	Dec.	Nov.	Dec.	Nov.	Dec.	Nov.	Dec.	Nov.	Dec.
A(b)	Forestry, fishing and hunting	3.2	3.3	2.5	2.7	3.0	3.0	1.0	1.0	1.7	1.7	1.3	1.3
B	Mining	25.1	25.0	4.0	4.0	15.1	15.0	2.9	2.8	19.9	19.8	3.8	3.8
C	Manufacturing	†329.7	330.3	283.5	283.2	94.3	90.8	88.7	88.6	55.0	54.6	23.9	24.0
	Food, beverages and tobacco	45.3	45.7	41.4	41.6	28.2	25.0	12.4	12.7	8.9	8.9	4.2	4.3
	Textiles	6.4	6.4	13.3	13.4	0.7	0.6	1.3	1.3	0.5	0.5	1.1	1.1
	Clothing and footwear	6.0	6.0	11.1	11.2	0.8	0.8	0.9	0.9	0.3	0.3	0.1	0.1
	Knitting mills; clothing	4.6	4.6	8.6	8.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Footwear	1.4	1.4	2.5	2.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Wood, wood products and furniture	21.3	21.0	17.1	17.1	9.5	9.3	7.5	7.6	6.7	6.8	3.9	3.9
	Wood and wood products	13.4	13.2	11.4	11.5	6.6	6.5	5.3	5.3	4.7	4.8	3.4	3.4
	Furniture and mattresses	8.0	7.8	5.6	5.6	2.9	2.8	2.2	2.2	2.0	2.0	0.5	0.5
	Paper and paper products, printing	†24.2	25.4	24.3	24.2	6.4	6.4	5.0	5.1	4.0	4.0	5.2	5.2
	Chemical, petroleum and coal products	20.8	20.8	15.7	15.7	2.9	2.9	2.5	2.5	2.9	2.9	0.8	0.8
	Non-metallic mineral products	15.7	15.5	11.4	11.4	5.8	5.8	4.1	4.1	4.8	4.7	1.0	1.0
	Basic metal products	48.5	48.7	9.3	9.4	5.6	5.7	8.4	8.2	7.2	7.2	3.9	3.9
	Fabricated metal products	33.0	33.0	26.2	26.1	9.6	9.5	8.7	8.7	5.9	5.7	1.3	1.4
	Transport equipment	38.8	38.7	52.9	52.5	12.5	12.3	22.6	22.4	6.0	6.0	1.2	1.2
	Other machinery and equipment	52.8	52.5	42.8	42.6	9.5	9.5	11.8	11.8	6.2	6.1	0.8	0.8
	Miscellaneous manufacturing	16.9	16.7	18.0	18.0	2.8	2.9	3.4	3.5	1.6	1.6	0.2	0.2
D	Electricity, gas and water	35.9	36.0	27.4	27.2	8.9	9.0	8.2	8.2	6.5	6.5	3.3	3.3
E	Construction	113.0	111.7	83.0	83.0	62.1	61.5	32.9	32.6	31.1	30.9	11.2	11.3
F	Wholesale and retail trade	196.9	196.7	155.8	156.6	80.6	80.6	53.2	53.3	48.1	48.3	15.4	15.7
	Wholesale trade	82.6	82.1	68.3	68.4	36.3	36.3	24.3	24.1	22.1	22.2	7.0	7.0
	Retail trade	114.4	114.5	87.5	88.2	44.3	44.3	28.9	29.1	26.0	26.1	8.5	8.7
	Motor vehicle dealers, petrol and tyre retailers	50.4	50.1	36.6	36.4	21.6	21.6	13.9	13.8	12.8	12.8	3.5	3.5
	Other retail trade	64.0	64.4	50.9	51.9	22.6	22.7	15.1	15.3	13.2	13.3	5.0	5.1
G	Transport and storage	79.4	79.4	54.5	55.3	33.1	33.1	17.6	17.9	20.3	20.4	6.3	6.2
	Road transport	31.6	31.4	21.4	21.2	11.0	10.9	6.5	6.5	6.7	6.7	2.6	2.5
	Rail and air transport	30.1	30.3	20.4	20.4	15.6	15.6	6.8	6.8	7.7	7.7	1.7	1.7
	Water transport	10.9	10.9	7.2	7.3	4.1	4.1	2.6	2.6	3.5	3.4	1.5	1.5
	Other transport and storage	6.8	6.8	5.6	6.4	2.4	2.4	1.6	2.0	2.4	2.7	0.4	0.4
H	Communication	25.1	25.1	20.3	20.5	10.3	10.5	6.7	6.9	5.9	6.0	2.0	2.0
I	Finance, insurance, real estate and business services	76.0	75.7	55.8	55.9	25.3	25.4	15.6	15.6	14.4	14.5	4.6	4.6
	Finance and investment	29.7	29.7	21.3	21.4	10.0	10.1	6.8	6.8	5.9	5.9	1.9	1.9
	Banking	22.5	22.6	17.5	17.4	7.6	7.7	5.2	5.2	4.5	4.5	1.5	1.4
	Other finance	7.2	7.1	3.9	3.9	2.5	2.4	1.7	1.7	1.4	1.4	0.4	0.4
	Insurance	13.1	13.1	11.7	11.7	4.9	4.9	3.0	2.9	2.5	2.5	1.0	1.0
	Real estate and business services	33.1	32.8	22.7	22.9	10.4	10.4	5.9	5.9	6.0	6.1	1.7	1.7
J(d)	Public administration and defence	45.5	45.5	33.5	33.5	21.7	21.7	10.6	10.5	14.6	14.6	5.1	5.1
K	Community services	89.1	88.7	76.8	77.0	38.5	38.5	32.2	31.8	24.6	24.3	8.2	8.2
	Health	21.9	22.1	17.8	18.1	9.3	9.4	7.1	7.2	6.7	6.8	1.8	1.8
	Education, libraries, museums, and art galleries	37.5	36.9	36.2	36.0	15.6	15.5	13.0	12.6	10.4	9.9	3.9	3.9
	Welfare, religious institutions and other community services	29.7	29.6	22.8	22.8	13.6	13.6	12.1	12.1	7.5	7.5	2.5	2.5
L(e)	Entertainment, recreation, restaurants, hotels and personal services	46.6	46.7	26.8	26.8	14.1	14.2	9.3	9.4	8.7	8.7	3.4	3.5
	Total	†1,065.5	1,064.0	823.9	825.7	407.1	403.2	279.0	278.7	250.8	250.4	88.6	89.2
PRIVATE OR GOVERNMENT EMPLOYMENT													
Private		†760.1	758.1	599.2	599.7	277.7	273.8	188.5	188.2	171.7	171.8	60.6	61.0
Government (f)		305.4	305.9	224.7	226.0	129.4	129.4	90.5	90.5	79.1	78.6	27.9	28.2
Australian		86.7	86.9	69.4	69.7	29.1	29.3	24.2	24.5	16.3	16.3	5.9	5.9
State		171.8	171.5	136.0	136.7	80.6	80.3	60.8	60.6	56.0	55.5	19.6	19.7
Local		46.9	47.4	19.4	19.6	19.7	19.8	5.4	5.4	6.8	6.7	2.5	2.6

For footnotes see page 7.

TABLE 5. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT, STATES
FEMALES, NOVEMBER AND DECEMBER 1976
(Excluding agriculture and private domestic service)
(^{'000})

ASIC divis- ion (a)	ASIC industry (a)	N.S.W.		Vic		Qld		S.A.		W.A.		Tas.	
		Nov.	Dec.	Nov.	Dec.	Nov.	Dec.	Nov.	Dec.	Nov.	Dec.	Nov.	Dec.
A(b)	Forestry, fishing and hunting	0.3	0.3	0.2	0.2	0.1	0.1	..	0.1	0.2	0.2	0.1	0.1
B	Mining	1.0	1.0	0.7	0.7	1.0	1.0	0.4	0.4	2.1	2.2	0.2	0.2
C	Manufacturing	115.7	113.7	121.5	120.7	23.2	22.4	26.0	25.9	12.3	12.0	4.4	4.5
	Food, beverages and tobacco	16.0	15.4	15.3	15.2	7.7	7.1	5.1	5.2	3.7	3.5	1.3	1.4
	Textiles	4.9	4.7	9.2	9.2	0.5	0.5	1.0	0.9	0.3	0.3	1.1	1.1
	Clothing and footwear	22.7	22.4	35.5	35.3	3.6	3.5	2.9	2.9	1.4	1.3	0.1	0.1
	Knitting mills; clothing	20.8	20.5	31.0	30.8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Footwear	2.0	1.9	4.5	4.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Wood, wood products and furniture	3.6	3.6	3.0	3.0	1.2	1.2	1.4	1.4	1.0	1.0	0.3	0.3
	Wood and wood products	1.8	1.8	1.4	1.4	0.7	0.7	0.7	0.7	0.5	0.5	0.2	0.2
	Furniture and mattresses	1.9	1.9	1.6	1.6	0.5	0.5	0.7	0.7	0.5	0.5	0.1	0.1
	Paper and paper products, printing	9.8	9.6	8.4	8.3	2.5	2.5	1.9	1.8	1.6	1.6	0.7	0.8
	Chemical, petroleum and coal products	9.3	9.3	5.4	5.4	0.8	0.8	0.6	0.6	0.5	0.5		
	Non-metallic mineral products	2.0	2.0	1.9	1.9	0.5	0.5	0.4	0.4	0.4	0.4	0.1	0.1
	Basic metal products	3.5	3.4	1.3	1.3	0.5	0.5	0.8	0.8	0.5	0.5	0.2	0.2
	Fabricated metal products	8.7	8.5	7.4	7.4	2.0	2.0	2.4	2.4	1.2	1.1	0.2	0.2
	Transport equipment	4.0	3.9	9.8	9.5	0.9	0.9	2.2	2.2	0.2	0.2	0.2	0.2
	Other machinery and equipment	21.2	20.8	15.1	14.9	1.5	1.5	4.8	4.7	1.0	1.0	0.2	0.2
	Miscellaneous manufacturing	10.0	10.0	9.2	9.2	1.4	1.4	2.5	2.4	0.6	0.6	0.1	0.1
D	Electricity, gas and water	3.8	3.8	2.9	2.9	0.9	0.9	0.5	0.5	0.6	0.6	0.3	0.3
E	Construction	6.7	6.7	4.6	4.6	2.7	2.7	1.7	1.7	1.7	1.6	0.3	0.3
F	Wholesale and retail trade	153.7	153.3	110.7	112.6	57.5	57.1	40.9	41.0	37.8	37.3	11.0	11.3
	Wholesale trade	33.9	33.7	27.1	26.9	12.7	12.5	9.1	9.0	8.7	8.7	1.9	1.9
	Retail trade	119.8	119.6	83.6	85.7	44.8	44.6	31.8	32.0	29.1	28.6	9.1	9.5
	Motor vehicle dealers, petrol and tyre retailers	11.7	11.7	6.6	6.6	5.3	5.3	3.3	3.3	2.8	2.8	0.5	0.5
	Other retail trade	108.1	107.9	77.0	79.1	39.5	39.4	28.4	28.6	26.3	25.8	8.6	8.9
G	Transport and storage	15.5	15.6	10.1	10.1	4.4	4.5	2.6	2.7	2.7	2.8	0.7	0.7
	Road transport	6.1	6.1	3.6	3.5	1.7	1.7	0.9	0.8	1.1	1.1	0.3	0.3
	Rail and air transport	5.1	5.2	3.2	3.2	1.9	1.9	1.0	1.0	0.9	0.9	0.2	0.2
	Water transport	0.9	0.9	0.5	0.5	0.3	0.3	0.1	0.1	0.2	0.2	0.1	0.1
	Other transport and storage	3.5	3.5	2.9	2.9	0.6	0.6	0.6	0.7	0.6	0.6	0.1	0.1
H	Communication	10.5	10.6	8.1	8.3	4.3	4.4	2.6	2.6	2.2	2.2	0.8	0.8
I	Finance, insurance, real estate and business services	80.3	80.1	46.7	47.0	22.8	22.8	13.9	14.1	14.0	14.0	4.2	4.2
	Finance and investment	27.5	27.6	16.2	16.4	8.8	8.8	5.2	5.3	5.5	5.5	1.7	1.7
	Banking	19.5	19.7	11.8	12.0	6.3	6.3	3.6	3.6	3.7	3.7	1.3	1.3
	Other finance	7.9	7.9	4.4	4.4	2.5	2.5	1.7	1.7	1.8	1.8	0.4	0.4
	Insurance	13.1	13.1	8.7	8.8	3.7	3.7	2.4	2.4	2.0	2.1	0.9	0.9
	Real estate and business services	39.7	39.4	21.8	21.8	10.3	10.3	6.3	6.4	6.5	6.4	1.6	1.6
J(d)	Public administration and defence	25.7	25.0	22.3	22.0	11.2	11.0	6.1	6.1	8.6	8.6	3.0	3.1
K	Community services	160.2	156.7	131.8	131.1	63.0	63.0	57.1	53.3	44.6	42.4	16.4	16.4
	Health	86.2	85.8	68.0	67.9	33.6	33.9	30.0	29.7	24.9	24.9	8.6	8.6
	Education, libraries, museums, and art galleries	60.8	58.1	53.0	52.7	23.9	23.7	21.8	18.2	16.7	14.5	6.9	6.9
	Welfare, religious institutions and other community services	13.2	12.7	10.7	10.5	5.4	5.4	5.4	5.4	3.0	3.0	0.9	0.9
L(e)	Entertainment, recreation, restaurants, hotels and personal services	55.5	55.5	38.9	38.7	26.7	26.2	18.5	18.2	14.6	14.3	6.5	6.5
	Total	629.0	622.4	498.4	498.8	217.9	216.1	170.4	166.5	141.5	138.2	47.9	48.3
PRIVATE OR GOVERNMENT EMPLOYMENT													
Private		502.8	499.4	405.5	406.2	171.5	170.3	122.9	122.6	106.4	105.5	35.3	35.8
Government (f)		126.3	123.1	92.9	92.6	46.3	45.8	47.5	43.9	35.0	32.8	12.6	12.5
Australian		34.6	34.4	26.0	26.1	11.6	11.6	7.5	7.4	6.5	6.5	2.1	2.0
State		84.7	81.7	58.0	57.7	32.6	32.1	38.9	35.3	27.1	24.9	10.0	10.0
Local		6.9	6.9	9.0	8.8	2.1	2.2	1.1	1.2	1.4	1.4	0.5	0.5

(a) Australian Standard Industrial Classification (see paragraph 10, page 3). (b) Excludes ASIC Sub-divisions 01 Agriculture and 02 Services to agriculture. (c) The methods used in seasonally adjusting these statistics are explained in *Seasonally Adjusted Indicators*, 1976 (Reference No. 1.10). (d) Excludes permanent defence forces. (e) Excludes ASIC Sub-division 94 Private households employing staff. (f) Includes semi-government bodies. Includes industrial as well as administrative employees (see paragraph 5, page 2). Excludes employees engaged in agriculture.

TABLE 6. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT
NORTHERN TERRITORY
(Excluding agriculture and private domestic service)
(^{'000})

Month	Mining	Manu- facturing	Construct- ion	Wholesale and retail trade	Transport and storage	Public adminis- tration and defence (a)	Comm- unity services	Other	Total	Private	Govern- ment (b)
MALES											
1976 -											
September	2.1	1.4	5.0	2.6	1.8	3.8	4.6	3.4	24.7	15.7	9.0
October	2.1	1.4	4.9	2.6	1.8	3.8	4.6	3.4	24.6	15.7	8.9
November	2.1	1.3	4.8	2.6	1.8	3.8	4.6	3.4	24.4	15.5	8.9
December	2.0	1.3	4.5	2.5	1.7	3.9	4.5	3.4	23.8	14.9	8.9
FEMALES											
1976 -											
September	0.3	0.3	0.2	2.3	0.4	2.7	4.4	2.1	12.6	7.2	5.5
October	0.3	0.3	0.2	2.4	0.4	2.6	4.4	2.1	12.7	7.3	5.4
November	0.3	0.3	0.2	2.4	0.4	2.6	4.5	2.0	12.6	7.2	5.4
December	0.3	0.3	0.2	2.4	0.4	2.6	4.4	2.0	12.5	7.1	5.4
PERSONS											
1976 -											
September	2.4	1.7	5.2	4.9	2.2	6.5	9.0	5.5	37.4	22.9	14.5
October	2.4	1.7	5.1	5.0	2.2	6.4	9.0	5.5	37.2	23.0	14.3
November	2.4	1.6	5.0	5.0	2.2	6.4	9.1	5.4	37.1	22.8	14.3
December	2.3	1.6	4.7	4.9	2.1	6.5	8.9	5.4	36.2	22.0	14.2

(a) Excludes permanent defence forces. (b) Includes industrial as well as administrative employees, (see paragraph 5, page 2). Includes 0.2 thousand local government employees (mainly males), the remainder being employees of Australian Government bodies.

TABLE 7. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT
AUSTRALIAN CAPITAL TERRITORY (a)
(Excluding agriculture and private domestic service)
(^{'000})

Month	Manu- facturing	Con- struction	Wholesale and retail trade	Finance, insurance, real estate and business services	Public adminis- tration and defence (b)	Education libraries, museums and art galleries	Community Services Other commu- nity services	Enter- tainment, recreation, restaur- ants, hotels and personal services	Other	Total	Private	Govern- ment (c)
MALES												
1976 -												
September	3.5	6.7	6.7	3.8	17.1	4.3	3.4	1.6	3.3	50.5	19.2	31.3
October	3.5	6.7	6.6	3.8	17.0	4.4	3.4	1.7	3.3	50.4	19.1	31.3
November	3.4	6.5	6.7	3.9	17.1	4.4	3.4	1.7	3.3	50.5	19.1	31.4
December	3.4	6.5	6.6	3.8	17.1	4.2	3.4	1.6	3.3	49.9	18.7	31.2
FEMALES												
1976 -												
September	1.0	0.5	5.1	2.9	12.5	5.5	4.8	2.0	1.0	35.3	14.2	21.1
October	1.0	0.5	5.1	2.9	12.4	5.5	4.8	2.0	1.0	35.1	14.1	21.0
November	1.0	0.5	5.1	2.9	12.4	5.5	4.9	2.0	1.0	35.3	14.2	21.1
December	1.0	0.5	5.1	2.9	12.4	5.4	4.8	1.9	1.0	34.9	14.0	21.0
PERSONS												
1976 -												
September	4.5	7.2	11.8	6.7	29.6	9.8	8.2	3.6	4.3	85.8	33.4	52.4
October	4.5	7.2	11.7	6.7	29.4	9.9	8.2	3.7	4.3	85.5	33.2	52.3
November	4.4	7.0	11.8	6.8	29.5	9.9	8.3	3.7	4.3	85.8	33.3	52.5
December	4.4	7.0	11.7	6.7	29.5	9.6	8.2	3.5	4.3	84.9	32.7	52.2

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas. (b) Excludes permanent defence forces.
(c) Includes industrial as well as administrative employees (see paragraph 5, page 2).

TABLE 8. CIVILIAN EMPLOYEES : AUSTRALIAN GOVERNMENT, DECEMBER 1976
Part 1 – Staff (in Australia and Overseas) employed under the Australian Public Service Act (excluding Departments of the Parliament)

Body	Males	Females	Persons
Aboriginal Affairs	804	403	1,207
Administrative Services (a)	4,385	1,428	5,813
Australian Archives	162	126	288
Australian Electoral Office	410	303	713
Australian Government Publishing Service	754	347	1,101
National Library of Australia	214	550	764
Office of the Purchasing Commission	516	237	753
Attorney-General's (a)	902	947	1,849
Australian Legal Aid Office	167	184	351
Office of the Parliamentary Counsel	16	14	30
Business and Consumer Affairs (a)	4,174	1,081	5,255
Industries Assistance Commission	292	172	464
Trade Practices Commission	139	75	214
Capital Territory	2,825	880	3,705
Construction	12,490	1,303	13,793
Defence	21,370	6,816	28,186
Education (a)	1,196	1,999	3,195
Commission on Advanced Education	19	18	37
Curriculum Development Centre	11	22	33
Schools Commission	56	64	120
Technical and Further Education Commission	12	10	22
Universities Commission	19	18	37
Employment and Industrial Relations	3,011	2,235	5,246
Environment, Housing and Community Development (a)	1,131	641	1,772
Australian National Parks and Wildlife Service	16	3	19
Finance (a)	589	439	1,028
Australian Government Retirement Benefits Office	185	387	572
Royal Australian Mint	254	58	312
Foreign Affairs (a)	2,675	1,975	4,650
Papua New Guinea Office	54	39	93
Health (a)	2,740	3,689	6,429
Capital Territory Health Commission	313	778	1,091
Hospitals and Health Services Commission	6	9	15
Immigration and Ethnic Affairs (a)	846	594	1,440
Commissioner for Community Relations	4	7	11
Industry and Commerce	272	77	349
National Resources (a)	663	221	884
Bureau of Mineral Resources	465	115	580
Northern Territory	1,470	691	2,161
Overseas Trade	755	353	1,108
Postal and Telecommunications (a)	303	112	415
Australian Broadcasting Control Board	178	60	238
Primary Industry (a)	2,389	311	2,700
Bureau of Agricultural Economics	243	75	318
Forestry and Timber Bureau	20	11	31
Prime Minister and Cabinet (a)	302	248	550
Auditor-General's Office	456	67	523
Australian Film Commission	147	44	191
Public Service Board	568	424	992
Productivity (a)	2,965	872	3,837
Patent, Trade Marks and Designs Office	318	192	510
Science (a)	585	218	803
Bureau of Meteorology	1,506	258	1,764
Social Security	4,242	4,795	9,037
Transport (a)	10,048	1,051	11,099
Bureau of Transport Economics	58	25	83
Treasury (a)	324	105	429
Australian bureau of Statistics	2,204	1,450	3,654
Australian Taxation Office	7,287	4,809	12,096
Veterans' Affairs	4,832	6,444	11,276
Total Under Public Service Act (b)(c)	105,357	50,879	156,236

(a) Excludes branch(es) shown separately. (b) Includes 5235 employees overseas and 2528 part-time employees in Australia. (c) See footnote (e) on page 10.

TABLE 8. CIVILIAN EMPLOYEES : AUSTRALIAN GOVERNMENT, DECEMBER 1976 – continued
Part II – Staff (in Australia) employed under other Acts

<i>Body</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
DEPARTMENTS			
Administrative Services (Commonwealth Police)	1,363	62	1,425
Capital Territory (ACT Police)	532	19	551
Defence (Navy docks, factories, etc.)	4,267	134	4,401
Education	1,464	2,678	4,142
Health – Capital Territory Health Commission	387	2,154	2,541
Northern Territory (NT Police)	456	8	464
Productivity (munitions factories, weapons research, etc.)	3,997	1,295	5,292
Other Departments	388	72	460
<i>Total Departments</i>	<i>12,854</i>	<i>6,422</i>	<i>19,276</i>
OTHER BODIES			
A.C.T. Electricity Authority	580	93	673
Australian Atomic Energy Commission	1,108	212	1,320
Australian Broadcasting Commission	5,010	1,889	6,899
Australian Coastal Shipping Commission	2,729	161	2,890
Australian National Railways	3,619	312	3,931
Australian Postal Commission	29,314	6,583	35,897
Australian Services Canteens Organisation	340	519	859
Australian Telecommunications Commission	68,990	20,890	89,880
C.S.I.R.O.	5,288	1,669	6,957
Canberra College of Advanced Education	339	286	625
Commonwealth Banking Corporation	14,020	12,854	26,874
Commonwealth Hostels Ltd	487	568	1,055
Commonwealth Serum Laboratories Commission	705	355	1,060
Health Insurance Commission	1,047	3,936	4,983
Overseas Telecommunications Commission	1,722	327	2,049
Qantas Airways Ltd	9,628	1,794	11,422
Reserve Bank of Australia	1,989	1,604	3,593
Snowy Mountains Hyrdo-Electric Authority	565	65	630
Trans-Australia Airlines	5,822	1,967	7,789
Other (d)	4,730	2,923	7,653
<i>Total other bodies</i>	<i>158,032</i>	<i>59,007</i>	<i>217,039</i>
Total under other Acts (e)	170,886	65,429	236,315

(d) Includes employees of the Departments of Parliament, who are appointed under the Public Service Act but to whom special provisions apply. Also includes the Australian National University. (e) The total of employment under the Public Service Act and under other Acts differs from details shown in Table 3, because, of persons employed under the Public Service Act, overseas staff are included; also, some part-time employees are not included in Table 3 to avoid double-counting.

2. UNEMPLOYED PERSONS

The tables in this section contain (a) estimates of the total number of persons unemployed, derived from the quarterly population survey, (b) the numbers registered with the Commonwealth Employment Service as unemployed, and (c) the number in receipt of unemployment benefit.

Total Unemployed Persons : Population Survey Estimates

2. The quarterly population survey is carried out on a sample basis throughout Australia in February, May, August and November each year. Interviews are conducted during a period of four weeks in the State capital cities and two weeks in other areas. Particulars of the number of persons employed or unemployed, and of the total labour force, are published each quarter in a bulletin *The Labour Force* (Reference No. 6.20).

3. For purposes of the survey, unemployed persons are defined as all civilians aged 15 years and over who either :

- (a) during the survey week did not work and did not have a job, but could have taken one had it been available, and had been looking for full-time or part-time work in the four weeks up to and including the survey week (including persons who would have been prevented from taking a job in the survey week by their own temporary illness or injury, or by their having made arrangements to start after the survey week in a job in which they would have preferred to start in the survey week) or

- (b) were waiting to be called back to a job from which they had been temporarily stood down without pay for four weeks or less (including the whole of the survey week).

4. Unemployed persons therefore comprise those looking for full-time work, those looking for part-time work and those temporarily laid off from either full-time or part-time jobs. This definition of unemployed persons conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, Geneva, 1954.

5. Since the estimates are based on a sample, they may differ from the figures that would have been obtained from a complete census using the same questionnaires and procedures. There are about two chances in three that the differences would be less than 3,700 for total unemployed males, less than 3,300 for total unemployed females and less than 4,600 for total unemployed persons, and about nineteen chances in twenty that they would be less than twice these figures. Further details about the survey and the reliability of estimates will be found in the quarterly bulletin *The Labour Force* (Reference No. 6.20).

6. The sample estimates will differ from the number of persons registered with the Commonwealth Employment Service (see Table 11) as not employed, awaiting placement in full-time employment, for a number of reasons, including the following:

- (a) the survey estimates include persons looking for part-time work as well as those looking for full-time work,
- (b) they exclude persons who did any work at all during the survey week, even though they may subsequently have become unemployed and registered with the Commonwealth Employment Service, or have done so little work as not to lose eligibility for unemployment benefit,
- (c) they represent averages over a period (see paragraph 2), whereas the numbers registered refer to a particular day,
- (d) they are subject to sampling variability (see paragraph 5),
- (e) they include some unemployed persons (particularly females) who do not register with the Commonwealth Employment Service, and
- (f) they exclude any persons registered as unemployed who find jobs but do not notify the Commonwealth Employment Service at once that they have done so.

Seasonally Adjusted Series : Population Survey Estimates

7. Because of problems in seasonally adjusting the numbers of unemployed persons the procedures used were revised in 1976. Estimates based on the revised method were included for the first time in the July 1976 issue of this publication. Because there is insufficient length of series available to enable a complete assessment of the reliability of the new method to be made, it would be claiming too much to suggest that these problems have now been wholly overcome, but the revised estimates are at least a considerable improvement over those published previously. A brief explanation of the problems and the adjustment method now used is given below.

8. The method used (the US Bureau of the Census X-11Q) assumes that the amplitude of seasonal change is proportional to the level of the series. Until 1974 this assumption worked very satisfactorily, but following the rapid rise in the level of unemployment in 1974 the proportional relationship appears to have changed very substantially, and the X-11Q method was unable to adapt sufficiently.

9. By considering the series in two parts, an estimate of the effect of the change in the proportional relationship has now been made. By means of prior adjustment factors derived from this estimate and applied to the data, the X-11Q program moving averages are now able to accommodate the 1974 change. The resulting seasonal factors reflect one proportional relationship up to 1974 and the other relationship since then.

10. The shape of the seasonal variation since 1974 may have changed as well as the relationship between amplitude and level. (For example, the rise in the original series in August 1976 could be due, at least in part, to a new seasonal pattern.) If it has, the change will have to be handled by the adaptive capacity of the program itself.

11. As from the June 1976 issue of this publication the unemployment estimates derived from the population survey have been based on a revised definition. See the May 1976 issue of *The Labour Force* (Reference No. 6.20), pages 3 and 4, paragraphs 9 to 14 for details. Estimates of unemployment on the revised basis have a different seasonal pattern from those on the old basis. Because only five quarterly figures on the revised basis were available at the time the seasonal adjustment factors were calculated it has been necessary to make special estimates for the seasonally adjusted series, based on experience of the movements in the series on the old basis.

TABLE 9. UNEMPLOYED PERSONS (a)

Month	Looking for		Total	Aged 15-19 years		Per cent of labour force (b)					
	Full-time work (^{'000})	Part-time work (^{'000})	Original (^{'000})	Seasonally adjusted	Looking for first	Aged 20 years and over (^{'000})	Aged 15-19 years	Aged 20 years and over	Total		
				(c) (^{'000})	job (^{'000})				Original	Seasonally adjusted (c)	
MALES											
1975 -											
February (d)	141.3	10.4	151.7	131.8	16.4	46.1	105.7	12.2	3.0	3.9	3.4
May	121.5	10.3	131.8	140.3	9.0	34.2	97.5	9.3	2.8	3.4	3.6
August	116.7	9.8	126.4	142.2	8.4	36.2	90.2	10.2	2.6	3.3	3.6
November (e)	127.9	11.0	139.0	141.0	12.2	43.0	96.0	12.2	2.7	3.6	3.6
1976 -											
February (f)	147.0	12.5	159.5	138.0	17.4	51.3	108.2	13.1	3.0	4.0	3.5
May	123.3	9.2	132.4	142.2	9.4	41.7	90.7	10.8	2.5	3.3	3.6
August	138.0	8.1	146.2	166.3	12.5	42.7	103.4	11.8	2.9	3.7	4.2
November	133.4	10.9	144.2	145.6	15.3	42.5	101.8	11.7	2.8	3.6	3.7
FEMALES											
1975 -											
February (d)	99.6	40.6	140.1	122.7	19.4	53.7	86.5	15.4	5.0	6.8	6.0
May	81.4	39.4	120.7	127.1	13.8	41.9	78.8	12.5	4.6	5.9	6.1
August	81.7	35.6	117.4	131.7	15.9	45.4	72.0	13.8	4.2	5.7	6.3
November (e)	89.9	45.6	135.5	136.8	19.3	49.3	86.2	14.9	4.7	6.3	6.4
1976 -											
February (f)	96.0	49.1	145.0	126.4	22.7	56.8	88.3	16.2	4.9	6.7	5.9
May	79.1	36.0	115.1	122.2	14.8	45.7	69.4	13.6	3.9	5.4	5.7
August	84.9	33.1	118.0	132.1	13.8	45.9	72.1	14.4	4.1	5.6	6.2
November	80.3	30.1	110.4	111.2	15.8	44.7	65.6	13.9	3.6	5.2	5.3
PERSONS											
1975 -											
February (d)	240.9	51.0	291.8	253.3	35.8	99.8	192.1	13.7	3.6	4.9	4.3
May	202.9	49.7	252.5	266.5	22.8	76.2	176.4	10.9	3.4	4.2	4.5
August	198.4	45.4	243.8	274.1	24.3	81.6	162.2	11.9	3.1	4.1	4.6
November (e)	217.8	56.6	274.5	279.2	31.5	92.3	182.2	13.5	3.4	4.5	4.6
1976 -											
February (f)	243.0	61.5	304.5	263.2	40.2	108.0	196.5	14.6	3.7	5.0	4.3
May	202.4	45.2	247.6	263.8	24.2	87.4	160.1	12.1	3.0	4.1	4.3
August	222.9	41.2	264.1	297.3	26.3	88.6	175.5	13.0	3.3	4.4	4.9
November	213.7	40.9	254.6	257.8	31.1	87.2	167.4	12.7	3.1	4.2	4.2

(a) Aged 15 years and over. For definition, see page 11, paragraph 3. See also page 11, paragraph 5 regarding the reliability of the estimates. (b) The number of unemployed in each group as a percentage of the labour force in the same group. (c) See page 11, paragraphs 7 to 11. (d) Because of the effects of cyclone Tracy the population survey was not conducted in Darwin in February 1975. The estimates for this period therefore exclude Darwin. It is estimated that at the time of the survey about 12,000 males and 5,000 females aged 15 years and over were living in Darwin. (e) The sample size was reduced for the November 1975 survey. Consequently the standard errors for estimates from that survey are larger than usual. For details see the November 1975 issue of *The Labour Force* (Reference No. 6.20). (f) Affected by the deferral of the interviewing period by one week. It is estimated that had interviewing taken place in the normal period, the original and seasonally adjusted figures for persons would have been higher by some 5,000 to 10,000.

TABLE 10. REGISTERED UNEMPLOYED (a)
(Source : Department of Employment and Industrial Relations)

Month (a)	N.S.W. (b)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia	
								Excluding school leavers	Total
MALES									
1975 -									
January	74,468	51,115	35,397	16,879	16,786	4,781	549	174,609	199,975
1976 -									
January	92,250	53,725	38,761	18,285	16,790	7,775	1,529	198,628	229,115
February	82,624	41,869	34,299	15,007	14,096	6,426	1,899	175,676	196,220
March	75,431	38,267	31,099	12,670	12,343	5,448	2,073	163,511	177,331
April	74,433	38,816	28,426	11,629	12,098	5,063	1,877	160,976	172,342
May	72,156	40,350	26,076	10,437	12,155	5,484	1,460	159,218	168,118
June	76,671	40,526	24,900	10,692	13,045	5,840	1,314	166,087	172,988
July	81,206	39,842	25,266	11,387	13,719	6,098	1,598	172,939	179,116
August	82,179	38,602	25,083	11,658	13,916	6,182	1,634	173,600	179,254
September	82,904	37,796	24,405	11,863	13,143	6,217	1,583	172,514	177,911
October	81,766	37,576	24,170	12,091	12,684	5,994	1,645	170,853	175,926
November	83,311	39,673	26,782	12,561	12,296	5,739	1,607	173,715	181,969
December	96,171	48,913	33,724	16,098	15,812	6,464	1,625	192,808	218,807
1977 -									
January	103,509	51,329	37,589	17,022	17,680	6,845	1,938	207,221	235,912
FEMALES									
1975 -									
January	39,834	34,897	15,066	9,335	8,903	3,495	91	89,025	111,621
1976 -									
January	43,228	32,168	16,289	10,057	8,693	4,071	318	86,370	114,824
February	39,845	29,940	15,842	8,986	8,656	3,857	393	85,604	107,519
March	36,461	28,636	15,135	8,257	8,258	3,399	533	84,266	100,679
April	34,583	26,947	14,638	7,753	7,948	3,376	416	81,612	95,661
May	33,175	26,093	13,328	6,841	7,809	3,167	374	79,539	90,787
June	34,456	25,592	13,686	6,901	8,058	3,146	424	83,199	92,263
July	34,791	25,026	13,080	6,959	7,700	3,145	469	83,226	91,170
August	34,818	23,795	12,442	7,027	7,009	3,025	516	81,606	88,632
September	34,695	22,789	12,395	6,812	6,364	2,910	429	79,942	86,394
October	33,896	23,302	12,276	6,946	6,278	2,907	459	79,899	86,064
November	35,886	24,762	13,196	7,086	6,438	2,803	378	82,031	90,549
December	42,608	29,353	15,478	8,972	8,166	3,734	416	86,568	108,727
1977 -									
January	47,160	31,304	17,558	9,636	8,655	3,850	514	92,431	118,677
PERSONS									
1975 -									
January	114,302	86,012	50,463	26,214	25,689	8,276	640	263,634	311,596
1976 -									
January	135,478	85,893	55,050	28,342	25,483	11,846	1,847	284,998	343,939
February	122,469	71,809	50,141	23,993	22,752	10,283	2,292	261,280	303,739
March	111,892	66,903	46,234	20,927	20,601	8,847	2,606	247,777	278,010
April	109,016	65,763	43,064	19,382	20,046	8,439	2,293	242,588	268,003
May	105,331	66,443	39,404	17,278	19,964	8,651	1,834	238,757	258,905
June	111,127	66,118	38,586	17,593	21,103	8,986	1,738	249,286	265,251
July	115,997	64,868	38,346	18,346	21,419	9,243	2,067	256,165	270,286
August	116,997	62,397	37,525	18,685	20,925	9,207	2,150	255,206	267,886
September	117,599	60,585	36,800	18,675	19,507	9,127	2,012	252,456	264,305
October	115,662	60,878	36,446	19,037	18,962	8,901	2,104	250,752	261,990
November	119,197	64,435	39,978	19,647	18,734	8,542	1,985	255,746	272,518
December	138,779	78,266	49,202	25,070	23,978	10,198	2,041	279,376	327,534
1977 -									
January	150,669	82,633	55,147	26,658	26,335	10,695	2,452	299,652	354,589

(a) Comprises all persons, who were still registered with the Commonwealth Employment Service (C.E.S.) at the Friday nearest the end of the month, who claimed when registering that they were not employed, and who were seeking full-time employment, i.e. 35 hours or more per week. They include persons referred to employers but whose employment was still unconfirmed, and persons who had recently obtained employment without notifying the C.E.S. All recipients of unemployment benefit are included (see Table 11). (b) Includes the Australian Capital Territory.

TABLE 11. PERSONS RECEIVING UNEMPLOYMENT BENEFIT (a) (b)
(Source : Department of Social Security)

Month (a)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
1975 -									
January (c)	42,770	35,679	25,969	10,520	9,575	2,831	73	440	127,857
1976 -									
January	68,515	42,498	29,959	14,644	12,153	5,716	462	728	174,675
February	61,539	33,930	26,427	10,773	9,934	4,625	621	728	148,577
March 26	57,818	28,291	22,161	8,616	8,515	4,025	656	764	130,846
April 23	54,098	25,895	19,199	7,487	8,259	4,064	763	703	120,468
May 21	56,229	27,246	18,874	7,106	8,784	4,249	689	832	124,009
July 2	58,951	28,683	18,166	7,814	9,499	4,927	661	1,087	129,788
July 30	63,731	29,190	18,843	8,397	10,348	5,231	608	1,296	137,644
August 27	60,991	28,825	18,518	8,694	10,252	5,308	682	1,404	134,674
September 24	66,998	27,431	18,080	9,077	10,035	5,262	893	1,425	139,201
October 22	65,720	27,736	17,662	9,278	10,015	5,032	823	1,416	137,682
November 19	65,334	27,691	17,669	9,477	9,472	4,938	842	1,534	136,957
December 31	70,694	30,729	22,222	11,473	11,170	4,794	920	1,659	153,661
1977 -									
January 28	74,663	33,149	24,976	11,951	12,332	5,105	1,011	2,023	165,210
FEMALES									
1975 -									
January (c)	18,279	16,234	8,391	5,139	4,295	1,856	5	204	54,403
1976 -									
January	26,875	20,161	10,621	7,215	5,843	2,800	49	380	73,944
February	25,010	18,139	9,615	5,803	5,174	2,544	56	424	66,765
March 26	23,369	16,352	8,649	4,944	4,812	2,413	79	560	61,178
April 23	22,233	15,492	8,116	4,522	4,926	2,361	119	528	58,297
May 21	23,119	15,065	7,992	4,273	5,011	2,362	110	456	58,388
July 2	22,749	14,955	8,328	4,575	5,055	2,301	98	574	58,635
July 30	23,746	14,475	8,595	4,618	5,100	2,372	116	493	59,515
August 27	29,366	14,071	8,106	4,640	4,777	2,301	139	574	63,974
September 24	23,518	13,470	7,920	4,547	4,229	2,249	172	558	56,663
October 22	23,445	13,466	7,797	4,632	4,213	2,178	125	587	56,443
November 19	23,190	13,398	7,603	4,707	4,156	2,115	128	612	55,909
December 31	26,382	14,483	8,407	5,299	4,378	2,215	119	711	61,994
1977 -									
January 28	27,482	14,988	8,596	5,257	4,688	2,292	127	775	64,205
PERSONS									
1975 -									
January (c)	61,049	51,913	34,360	15,659	13,870	4,687	78	644	182,260
1976 -									
January	95,390	62,659	40,580	21,859	17,996	8,516	511	1,108	248,619
February	86,549	52,069	36,042	16,576	15,108	7,169	677	1,152	215,342
March 26	81,187	44,643	30,810	13,560	13,327	6,438	735	1,324	192,024
April 23	76,331	41,387	27,315	12,009	13,185	6,425	882	1,231	178,765
May 21	79,348	42,311	26,866	11,379	13,795	6,611	799	1,288	182,397
July 2	81,700	43,638	26,494	12,389	14,554	7,228	759	1,661	188,423
July 30	87,477	43,665	27,438	13,015	15,448	7,603	724	1,789	197,159
August 27	90,357	42,896	26,624	13,334	15,029	7,609	821	1,978	198,648
September 24	90,516	40,901	26,000	13,624	14,264	7,511	1,065	1,983	195,864
October 22	89,165	41,202	25,459	13,910	14,228	7,210	948	2,003	194,125
November 19	88,524	41,089	25,272	14,184	13,628	7,053	970	2,146	192,866
December 31	97,076	45,212	30,629	16,772	15,548	7,009	1,039	2,370	215,655
1977 -									
January 28	102,145	48,137	33,572	17,208	17,020	7,397	1,138	2,798	229,415

(a) Number on benefit at Saturday nearest the end of the month until February 1976. The introduction of fortnightly payments in March 1976 has altered the basis of collection of numbers on benefits to four or six week accounting periods. Figures now show numbers on benefit at the dates indicated. (b) State and Territory classification is based on location of office from which payment of benefit is made. (c) Figures for January 1975 are not strictly comparable with other months shown due to the introduction of new administrative procedures in April 1975.

3. JOB VACANCIES (a)

TABLE 12. VACANCIES REGISTERED WITH THE COMMONWEALTH EMPLOYMENT SERVICE (a)
(Source : Department of Employment and Industrial Relations)

Month (a)	N.S.W. (b)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia	
								Original	Seasonally adjusted (c)
VACANCIES FOR MALES									
1975 -									
January	12,189	10,900	1,763	1,687	1,988	963	400	29,890	23,535
1976 -									
January	10,222	8,036	1,515	1,438	1,538	841	506	24,096	19,097
February	8,286	6,875	1,297	1,871	1,640	914	269	21,152	17,771
March	4,737	5,787	1,395	1,514	1,686	802	210	16,131	15,003
April	4,546	5,447	1,251	1,413	1,366	743	336	15,102	15,547
May	4,309	5,222	1,273	1,360	1,289	667	335	14,455	15,031
June	4,067	4,788	1,111	1,268	1,164	502	310	13,210	15,026
July	3,773	4,567	1,275	1,140	1,024	475	333	12,587	15,029
August	4,224	4,620	1,315	1,476	1,208	508	365	13,716	16,280
September	5,103	5,327	1,355	1,368	1,359	567	337	15,416	16,943
October	5,546	5,549	1,495	1,384	1,488	638	361	16,461	16,417
November	6,765	5,360	1,329	1,352	1,662	749	394	17,611	17,240
December	8,466	4,873	1,144	1,175	1,436	685	378	18,157	17,303
1977 -									
January	7,957	7,953	1,275	1,446	2,087	826	247	21,791	17,326
VACANCIES FOR FEMALES									
1975 -									
January	4,823	4,263	1,306	667	858	546	130	12,593	10,869
1976 -									
January	4,561	4,098	749	660	689	255	99	11,111	9,599
February	3,962	3,391	619	794	662	353	79	9,860	9,111
March	2,055	2,797	551	504	549	293	96	6,845	7,024
April	2,035	2,552	488	520	511	340	111	6,557	6,762
May	2,089	2,432	490	553	477	277	136	6,454	6,744
June	1,883	2,399	494	481	462	152	113	5,984	6,686
July	2,163	2,451	559	548	564	174	107	6,566	7,350
August	2,571	2,585	643	558	587	199	104	7,247	7,356
September	3,068	2,803	630	551	577	213	110	7,952	7,841
October	3,083	2,586	642	572	659	253	130	7,925	7,507
November	3,364	2,375	621	565	576	264	123	7,888	7,891
December	4,253	2,149	634	483	578	206	84	8,387	8,249
1977 -									
January	3,310	2,631	726	550	1,039	255	87	8,597	7,431
TOTAL VACANCIES									
1975 -									
January	17,012	15,163	3,069	2,354	2,846	1,509	530	42,483	35,013
1976 -									
January	14,783	12,134	2,264	2,098	2,227	1,096	605	35,207	29,140
February	12,248	10,266	1,916	2,665	2,302	1,267	348	31,012	27,121
March	6,792	8,584	1,946	2,018	2,235	1,095	306	22,976	21,845
April	6,581	7,999	1,739	1,933	1,877	1,083	447	21,659	21,997
May	6,398	7,654	1,763	1,913	1,766	944	471	20,909	21,815
June	5,950	7,187	1,605	1,749	1,626	654	423	19,194	21,712
July	5,936	7,018	1,834	1,688	1,588	649	440	19,153	22,338
August	6,795	7,205	1,958	2,034	1,795	707	469	20,963	23,428
September	8,171	8,130	1,985	1,919	1,936	780	447	23,368	24,659
October	8,629	8,135	2,137	1,956	2,147	891	491	24,386	23,869
November	10,129	7,735	1,950	1,917	2,238	1,013	517	25,499	25,206
December	12,719	7,022	1,778	1,658	2,014	891	462	26,544	25,557
1977 -									
January	11,267	10,584	2,001	1,996	3,125	1,081	334	30,388	25,206

(a) Vacancies notified to the CES, which were still unfilled at the Friday nearest the end of the month and which employers claimed could be filled if labour were supplied immediately or within the following month. Vacancies for full-time, part-time, permanent, temporary and seasonal positions are included. (b) Includes the Australian Capital Territory. (c) See note (b) to Table 1.

NOTE. Sample surveys have been conducted by the Australian Bureau of Statistics in March each year since 1974 to obtain information on the level and composition of job vacancies. For a number of reasons the estimates obtained from these surveys differed substantially from the numbers of vacancies registered with the CES at those dates. For example, the survey estimate of total vacancies at March 1976 was 50,800, while the CES figure was 22,976. Results of the surveys and reasons why the survey estimates differ from CES statistics were published in *Job Vacancies, March 1976* (Reference No. 6.49).